

CLAIMS

1. A method of gathering and outputting authentication information on a computer network where the Requestor identifier is used both in the input specifications and output specifications permitting dynamic changes in input requirements and output characteristics comprising:

a Requestor assignment component providing a means for generating a unique Requestor Identifier for each authenticated Requestor and a means for storing said Requestor Identifier in a data storage medium having a plurality of Requestor Identifiers;

a sign-up specification assignment component providing, for each Requestor identifier, a means for accepting at least one sign-up specification record and a means for storing said sign-up record or group of records and Requestor identifier in a data storage medium;

a logon specification assignment component providing, for each Requestor identifier, a means for accepting at least one logon specification record and a means for storing said logon record or group of records and Requestor identifier in a data storage medium;

a sign-up receiving component providing a means for accepting input from End-users including Requestor identifier and a means for using the sign-up specification record or records associated with the said Requestor identifier in the manipulation of End-user data; and

a logon receiving component providing a means for accepting input from End-users including Requestor identifier and a means for using the logon specification record or records associated with the said Requestor identifier in the manipulation of End-user data.

2. The method of claim in 1 wherein the manipulation of data is verifying input data.

3. The method of claim in 1 wherein the manipulation of data is placing data in a data storage medium.

4. The method of claim in 1 wherein the manipulation of data is sending data in an electronic mail message.
5. The method of claim in 1 wherein the sign-up specification record is data field information.
6. The method of claim in 1 wherein the sign-up specification record is field display information.
7. The method of claim in 1 wherein the sign-up specification record is authentication information.
8. The method of claim in 1 wherein the sign-up specification record is an input parameter.
9. The method of claim in 1 wherein the logon specification record is data field information.
10. The method of claim in 1 wherein the logon specification record is field display information.
11. The method of claim in 1 wherein the logon specification record is authentication information.
12. The method of claim in 1 wherein the logon specification record is an input parameter.
13. The method of claim in 1 wherein the manipulation of data is the retrieval of an element of data previously stored using the sign-up receiving component.
14. The method of claim in 1 wherein the manipulation of data is the display of data in a data display medium.

15. The method of claim in 1 wherein the logon receiving component further comprises: an authentication fulfillment component that completes the authentication of the End-user by setting an authentication token.

16. The method of claim in 1 wherein the Requestor and the End-user are the same.

17. A server system for gathering and outputting authentication data comprising:

a data storage medium storing information for a plurality of Requestors;

a data storage medium storing information for a plurality of End-users;

a Requestor identifier assignment component providing a receiving component for receiving requests to generate a Requestor identifier, a Requestor identifier assignment component which generates a unique associated Requestor identifier for each Requestor, and a Requestor identifier fulfillment component that completes the input of the Requestor identifier information into the data storage medium;

a Requestor data sign-up specification component providing a receiving component for receiving requests to input Requestor sign-up information including an indication of one of the plurality of Requestors and a Requestor sign-up fulfillment component that completes the input of the Requestor sign-up information together with the associated Requestor identifier into the data storage medium;

a Requestor data logon specification component providing a receiving component for receiving requests to input Requestor logon information including an indication of one of the plurality of Requestors and a Requestor logon fulfillment component that completes the input of the Requestor logon information together with the associated Requestor identifier into the data storage medium;

an End-user data sign-up component providing a receiving component for receiving requests to input End-user information including an indication of the Requestor identifier and a data retrieval component that retrieves from the data storage medium information for the indicated Requestor identifier including at least one Requestor sign-up information record and uses the retrieved information to manipulate the End-user data; and

an End-user data logon component providing a receiving component for receiving requests to authenticate End-user information including an indication of the Requestor identifier and a data retrieval component that retrieves from the data storage medium information for the indicated Requestor identifier including at least one Requestor logon information record and uses the retrieved information to manipulate the End-user data.

18. The method of claim in 17 wherein the End-user data logon component further comprises:

an End-user authentication fulfillment component that completes the authentication of the End-user information by setting an authentication token.

19. The method of claim in 17 wherein the manipulation of End-user data is the retrieval of data from a data storage medium.

20. The method of claim in 17 wherein the manipulation of End-user data is the storage of data into a data storage medium.

21. The method of claim in 17 wherein the manipulation of End-user data is the transmittal of an electronic mail message.

22. The method of claim in 17 wherein the manipulation of End-user data is the display of data in a data display medium.

23. The method of claim in 17 wherein the Requestor and the End-user are the same.